

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 09/836,544  
Applicant : Brian Seed et al.  
Filed : April 17, 2001  
Group Art Unit : 1644  
Serial No. : 09/836,544  
Examiner : Marianne NMN Dibrino  
Confirmation No. : 6823  
For: : CD27 Coding Sequence (as Amended)  
Attorney Docket No. : 11-88L

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as Express Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 EV642818548 US

On October 11, 2005

  
Stephanie Lotwis

SUPPLEMENTARY INFORMATION DISCLOSURE STATEMENT (WITH PETITION)

MAIL STOP AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Further to the Supplemental Information Disclosure Statement filed July 29, 2002, the Examiner is respectfully requested to consider certain additional references, copies enclosed, which may qualify as prior art. For the Examiner's convenience, the references are listed on the attached Patent and Trademark Office form PTO-1449.

This PTO-1449 also includes references which were listed on the prior form but not available to the Examiner. It is noted that not all of the references listed on the prior form are included herewith; it is believed that those references not provided with this submission are either cumulative to references already provided or are not relevant to the currently pending claim.

This information is cited in a spirit of forthrightness and cooperation to enable the applicants to obtain that measure of protection for the invention to which there is entitlement. However, no representation is made that the listed art actually qualifies as prior art under the patent statute and the mere use of PTO-1449 is not an admission that all listed references are prior art. No representation is made that applicants know of the best art.

Because an Office Action on the merits has been issued, Applicants respectfully petition for consideration of the enclosed references.

This submission is accompanied by a Petition for Extension of Time (one month), two references, an Amendment and a check in the amount of \$430, including \$180 for consideration of an Information Disclosure Statement submitted after an Office Action. It is believed that this response does not necessitate the payment of any additional fees under 37 C.F.R. 1.16-1.17. If the amount submitted is incorrect, however, please charge any deficiency or credit any overpayment to Deposit Account No. 07-1969 grant any needed further extension of time.

Respectfully submitted,



Donna M. Ferber  
Reg No. 33,878

**GREENLEE, WINNER AND SULLIVAN, P.C.**  
5370 Manhattan Circle, Suite 201  
Boulder, CO 80303  
Telephone: (303) 499-8080  
Facsimile: (303) 499-8089  
E-mail: [winner@greenwin.com](mailto:winner@greenwin.com)

Attorney docket No. 11-88L  
October 11, 2005

Substitute for form 1449/PTO, based on PTO/SB/08A and 08B

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Application Number	09/836,544
Filing Date	04/17/2001
First Named Inventor	Seed et al.
Art Unit	1644
Examiner Name	M NMN Dibrino
Attorney Docket Number	11-88L

GWS 10/11/2005

**U.S. PATENT DOCUMENTS**

Examiner Initial*	Cite No. <sup>1</sup>	Document Number (US-)	Publication Date (MM-DD-YYYY)	Name	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear (or entire document unless noted otherwise)
	1	6,218,525	04/17/2001	Seed et al.	
	2	6,111,093	08/29/2000	Seed et al.	
	3	5,849,898	12/15/1998	Seed et al.	
	4	5,830,731	11/03/1998	Seed et al.	
	5	5,506,126	04/09/1996	Seed et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initial*	Cite No. <sup>1</sup>	Foreign Patent Document Number (include WIPO country code)	Publication Date (MM-DD-YYYY)	Name	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear (or entire document unless noted otherwise)	T <sup>2</sup>
-------------------	-----------------------	--	-------------------------------	------	---	----------------

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initial*	Cite No. <sup>1</sup>	REFERENCE Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	6	Allen et al. (1989) "Isolation and Expression of Functional High-Affinity Fc Receptor Complementary DNAs," <i>Science</i> 243:378-381	
	7	Allen et al. (1988) "Nucleotide Sequence of Three cDNAs for the Human High Affinity Fc Receptor (FcRI)," <i>Nuc. Acids Res.</i> 16(24):11824	
	8	Bigler et al. (1988) "A Modulating Disulfide-Linked T Cell Activation Antigen," <i>J. Immunol.</i> 141:21-28	
	9	Camerini et al. (Nov. 1991) "The Cell Activation Antigen CD27 is a Member of the Nerve Growth Factor/Tumor Necrosis Factor Receptor Gene Family," <i>J. Immunol.</i> 147:3165-3169	
	10	Dalchau et al. (1980) "Monoclonal Antibody to a Human Brain-Granulocyte-T Lymphocyte Antigen Probably Homologous to the W 3/13 Antigen of the Rat," <i>Eur. J. Immunol.</i> 10:745-749	
	11	Grob et al. (1985) "Characterization of the Human Melanoma Nerve Growth Factor Receptor," <i>J. Biol. Chem.</i> 260(13):8044-8049	
	12	Hansen et al. (1980) "Monoclonal Antibodies Identifying a Novel T-Cell Antigen and Ia Antigens of Human Lymphocytes," <i>Immunogenetics</i> 10:247-260	

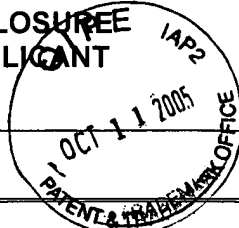
Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>Applicant is to place a check mark here or "x" if English language Translation is attached.

Substitute for form 1449/PTO, based on PTO/SB/08A and 08B

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Application Number	09/836,544
Filing Date	04/17/2001
First Named Inventor	Seed et al.
Art Unit	1644
Examiner Name	M NMN Dibrino
Attorney Docket Number	11-88L

GWS 10/11/2005

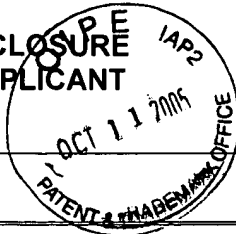
Examiner Initial*	Cite No. <sup>1</sup>	REFERENCE Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	13	Johnson et al. (1986) "Expression and Structure of the Human NGF Receptor," <i>Cell</i> 47:545-554	
	14	Kanof et al. (1987) "Induction of CD4 Suppressor T Cells with Anti-Leu-8 Antibody," <i>J. Immunol.</i> 139:49-54	
	15	Ledbetter et al. (1985) "Antibodies to Tp44 Augment and Sustain Proliferative Responses of Activated T Cells," <i>J. Immunol.</i> 135(4):2311-2336	
	16	Ledbetter et al. (1986) "Antibody Binding to CD5 (Tp67) and Tp44 T-Cell Surface Molecules: Effects on Cyclic Nucleotides, Cytoplasmic Free Calcium, and cAMP-Mediated Suppression," <i>J. Immunol.</i> 137:3299-3305	
	17	Martin et al. (1986) "A 44 Kilodalton Cell Surface Homodimer Regulates Interleukin 2 Production by Activated Human T Lymphocytes," <i>J. Immunol.</i> 136(9):3282-3287	
	18	Pezzutto et al. (1987) "Amplification of Human B Cell Activation by a Monoclonal Antibody to the B Cell-Specific Antigen Cd22, Bp 130/140," <i>J. Immunol.</i> 138:98-103	
	19	Pezzutto et al. (1988) "Role of the CD22 Human B Cell Antigen in B Cell Triggering by Anti-Immunoglobulin," <i>J. Immunol.</i> 140:1791-1795	
	20	Poletti et al. (1988) "Double Labeling Immunohistologic and Flow Cytometric Analysis of Human B Cells with Particular Reference to Leu-8 Expression," <i>Human Pathology</i> 19(9):1001-1007	
	21	Rajasekariah et al. (1987) "A Genomic Clone Encoding the T6 (cd1) Antigen," In; <i>Leucocyte Typing III</i> , Oxford University Press, Vol. T1.3, pp. 74-76	
	22	Schwartz-Albiez et al. (1988) "The B Cell-Associated CD37 Antigen (gp40-52) Structure and Subcellular Expression of an Extensively Glycosylated Glycoprotein," <i>J. Immunol.</i> 140:905-914	
	23	Seed et al. (1987) "Molecular Cloning of the CD2 Antigen, The T-Cell Erythrocyte Receptor, by a rapid Immunoselection Procedure," <i>Proc. Natl. Acad. Sci. USA</i> 84:3365-3369	
	24	Siegelman et al. (Jul. 1989) "Human Homologue of Mouse Lymph Node Homing Receptor: Evolutionary Conservation at Tandem Cell Interaction Domains," <i>Proc. Natl. Acad. Sci. USA</i> 86:5562-5566	
	25	Smith et al. (1987) "Blocking of HIV-1 Infectivity by a Soluble, Secreted Form of the CD4 Antigen," <i>Science</i> 238:1704-1706	
	26	Stamenkovic et al. (Mar. 1989) "A Lymphocyte Molecule Implicated in Lymph Node Homing is a Member of the Cartilage Link Protein Family," <i>Cell</i> 56:1057-1062	
	27	Stamenkovic et al. (May 1989) "A B-Lymphocyte Activation Molecule Related to the Nerve Growth Factor Receptor and Induced by Cytokines in Carcinomas," <i>EMBO J.</i> 8(5):1403-1410	
	28	Stefanova et al. (1989) "Reactivity of the Non-Linear/NK Panel Antibodies with Purified Antigens CD45, CD43, CD44, and CD18, and Three 'Novel' Antigens MEM-43, MEM-53, and MEM-102," In; <i>Leukocyte Typing IV</i> , Knapp, B. ed., pp.678-679	
	29	Stengelin et al. (1988) "Isolation of cDNAs for Two Distinct Human Fc Receptors by	
Examiner Signature		Date Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>Applicant is to place a check mark here or "x" if English language Translation is attached.

Substitute for form 1449/PTO, based on PTO/SB/08A and 08B

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Application Number	09/836,544
Filing Date	04/17/2001
First Named Inventor	Seed et al.
Art Unit	1644
Examiner Name	M NMN Dibrino
Attorney Docket Number	11-88L

GWS 10/11/2005

Examiner Initial*	Cite No. <sup>1</sup>	REFERENCE	
		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Ligand Affinity Cloning," <i>EMBO J.</i> 7(4):1053-1059	
	30	Stuve et al. (1987) "Structure and Expression of the Herpes Simplex Virus Type 2 Glycoprotein gB Gene," <i>J. Virol.</i> 61(2):326-335	
	31	Sutherland et al. (1984) "Isolation and Characterization of a Human T Lymphocyte-Associated Glycoprotein (gp40)," <i>J. Immunol.</i> 133(1):327-333	
	32	Tandon et al. (May 1989) "Identification of Glycoprotein IV (CD36) as a Primary Receptor for Platelet-Collagen Adhesion," <i>J. Biol. Chem.</i> 264(13):7576-7583	
	33	Tandon et al. (1989) "Isolation and Characterization of Platelet Glycoprotein IV (CD36)," <i>J. Biol. Chem.</i> 264(13):7570-7575	
	34	Tomassini et al. (1986) "Isolation of a Receptor Protein Involved in Attachment of Human Rhinoviruses," <i>J. Virol.</i> 58(2):290-295	
	35	Treiger et al. (1986) "A Secreted Form of the Human Interleukin 2 Receptor Encoded by an "Anchor Minus" cDNA," <i>J. Immunol.</i> 136(11):4099-4105	
	36	Van Lier et al. (1988) "Anti-CD 27 Monoclonal Antibodies Identify Two Functionally Distinct Sub Populations Within the CD4+ Cell Subset," <i>Eur. J. Immunol.</i> 18:811-816	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>Applicant is to place a check mark here or "x" if English language Translation is attached.